

For KCC Use: 6-20-2010  
 Effective Date: \_\_\_\_\_  
 District # 4  
 SGA?  Yes  No

KANSAS CORPORATION COMMISSION  
 OIL & GAS CONSERVATION DIVISION

Form C-1  
 October 2007  
 Form must be Typed  
 Form must be Signed  
 All blanks must be Filled

**NOTICE OF INTENT TO DRILL**

Must be approved by KCC five (5) days prior to commencing well

Expected Spud Date: 06/18/2010  
 month day year

OPERATOR: License# 6768  
 Name: Carrie Exploration and Development  
 Address 1: 210 West 22nd Street Hays, Ks 67601  
 Address 2: \_\_\_\_\_  
 City: Hays State: Ks Zip: 67601 + \_\_\_\_\_  
 Contact Person: Ron Herold  
 Phone: 785 625 9318

CONTRACTOR: License# 33350  
 Name: Southwind Drilling Inc

Well Drilled For:  Oil  Gas  Seismic  Other: \_\_\_\_\_  
 Enh Rec  Storage  Disposal  # of Holes \_\_\_\_\_  
 Well Class:  Infield  Pool Ext.  Wildcat  Other \_\_\_\_\_  
 Type Equipment:  Mud Rotary  Air Rotary  Cable

If OWWO: old well information as follows:  
 Operator: \_\_\_\_\_  
 Well Name: \_\_\_\_\_  
 Original Completion Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_

Directional, Deviated or Horizontal wellbore?  Yes  No  
 If Yes, true vertical depth: \_\_\_\_\_  
 Bottom Hole Location: \_\_\_\_\_  
 KCC DKT #: \_\_\_\_\_

Spot Description: 774-FNL-1122-FEL  
 (00000) 774 1,122 feet from  N /  S Line of Section  
1,122 feet from  E /  W Line of Section

Is SECTION:  Regular  Irregular?  
 (Note: Locate well on the Section Plat on reverse side)

County: Barton  
 Lease Name: Ken Sieker Well #: C-1  
 Field Name: New Field Chase-Silica

Is this a Prorated / Spaced Field?  Yes  No  
 Target Formation(s): Arbuckle

Nearest Lease or unit boundary line (in footage): 774  
 Ground Surface Elevation: 1770 feet MSL

Water well within one-quarter mile:  Yes  No  
 Public water supply well within one mile:  Yes  No

Depth to bottom of fresh water: 250 / 00  
 Depth to bottom of usable water: 250 230

Surface Pipe by Alternate:  I  II  
 Length of Surface Pipe Planned to be set: 250

Length of Conductor Pipe (if any): None  
 Projected Total Depth: 3500  
 Formation at Total Depth: Arbuckle

Water Source for Drilling Operations:  
 Well  Farm Pond  Other: \_\_\_\_\_  
 DWR Permit #: Existing

(Note: Apply for Permit with DWR)   
 Will Cores be taken?  Yes  No  
 If Yes, proposed zone: \_\_\_\_\_

RECEIVED  
 JUN 09 2010  
 KCC WICHITA

**AFFIDAVIT**

The undersigned hereby affirms that the drilling, completion and eventual plugging of this well will comply with K.S.A. 55 et. seq.  
 It is agreed that the following minimum requirements will be met:

1. Notify the appropriate district office **prior** to spudding of well;
2. A copy of the approved notice of intent to drill **shall be** posted on each drilling rig;
3. The minimum amount of surface pipe as specified below **shall be set** by circulating cement to the top; in all cases surface pipe **shall be set** through all unconsolidated materials plus a minimum of 20 feet into the underlying formation.
4. If the well is dry hole, an agreement between the operator and the district office on plug length and placement is **necessary prior to plugging**;
5. The appropriate district office will be notified before well is either plugged or production casing is cemented in;
6. if an ALTERNATE II COMPLETION, production pipe shall be cemented from below any usable water to surface within **120 DAYS** of spud date.  
 Or pursuant to Appendix "B" - Eastern Kansas surface casing order #133,891-C, which applies to the KCC District 3 area, alternate II cementing must be completed within 30 days of the spud date or the well shall be plugged. **In all cases, NOTIFY district office** prior to any cementing.

I hereby certify that the statements made herein are true and correct to the best of my knowledge and belief.  
 Date: 6/7/2010 Signature of Operator or Agent: Ronald B Hewitt Title: Owner

**For KCC Use ONLY**  
 API # 15 - 009-25439-0000  
 Conductor pipe required None feet  
 Minimum surface pipe required 250 feet per ALT.  I  II  
 Approved by: LWH 6-15-2010  
 This authorization expires: 6-15-2011  
 (This authorization void if drilling not started within 12 months of approval date.)  
 Spud date: \_\_\_\_\_ Agent: \_\_\_\_\_

**Remember to:**  
 - File Drill Pit Application (form CDP-1) with Intent to Drill;  
 - File Completion Form ACO-1 within 120 days of spud date;  
 - File acreage attribution plat according to field proration orders;  
 - Notify appropriate district office 48 hours prior to workover or re-entry;  
 - Submit plugging report (CP-4) after plugging is completed (within 60 days);  
 - Obtain written approval before disposing or injecting salt water.  
 - If this permit has expired (See: authorized expiration date) please check the box below and return to the address below.  
 Well Not Drilled - Permit Expired Date: \_\_\_\_\_  
 Signature of Operator or Agent: \_\_\_\_\_

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

34  
 19  
 11  
 E  
 W

**IN ALL CASES PLOT THE INTENDED WELL ON THE PLAT BELOW**

*Plat of acreage attributable to a well in a prorated or spaced field*

**If the intended well is in a prorated or spaced field, please fully complete this side of the form.** If the intended well is in a prorated or spaced field complete the plat below showing that the well will be properly located in relationship to other wells producing from the common source of supply. Please show all the wells and within 1 mile of the boundaries of the proposed acreage attribution unit for gas wells and within 1/2 mile of the boundaries of the proposed acreage attribution unit for oil wells.

API No. 15 - 009-25439-00-00  
 Operator: Carrie Exploration and Development  
 Lease: Ken Sieker  
 Well Number: C-1  
 Field: New Field

Location of Well: County: Barton  
774 feet from  N /  S Line of Section  
1,122 feet from  E /  W Line of Section  
 Sec. 34 Twp. 19 S. R. 11  E  W

Number of Acres attributable to well: \_\_\_\_\_  
 QTR/QTR/QTR/QTR of acreage: \_\_\_\_\_ - CNLSW - NE - NE

Is Section:  Regular or  Irregular

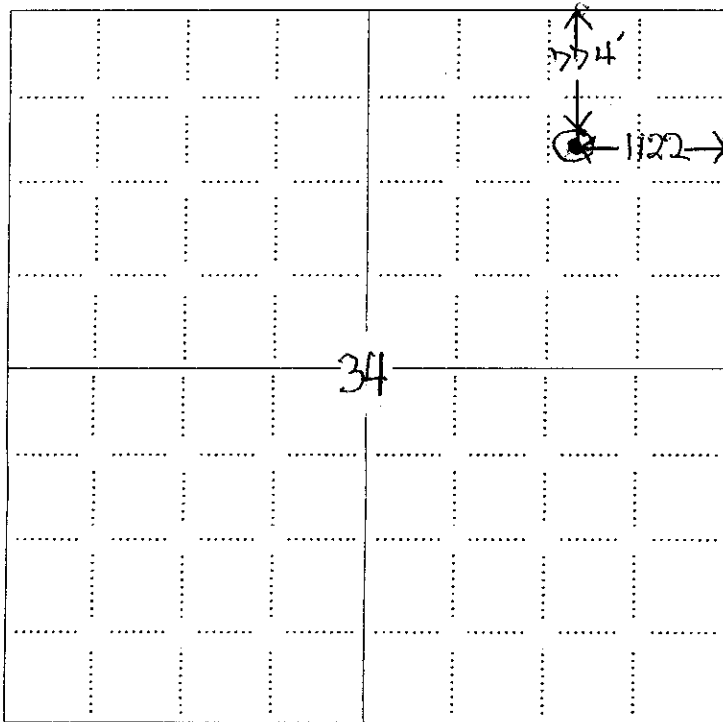
**If Section Is Irregular, locate well from nearest corner boundary.**

Section corner used:  NE  NW  SE  SW

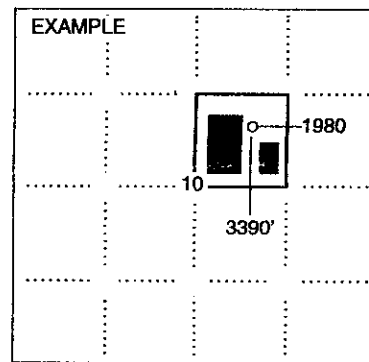
**PLAT**

*(Show location of the well and shade attributable acreage for prorated or spaced wells.)*

*(Show footage to the nearest lease or unit boundary line.)*



RECEIVED  
 JUN 09 2010  
 KCC WICHITA



SEWARD CO.

**NOTE: In all cases locate the spot of the proposed drilling locator.**

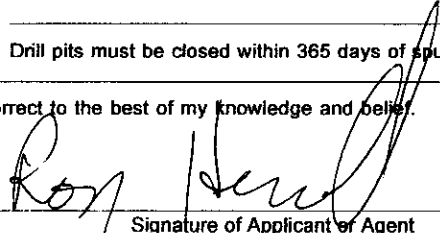
**In plotting the proposed location of the well, you must show:**

1. The manner in which you are using the depicted plat by identifying section lines, i.e. 1 section, 1 section with 8 surrounding sections, 4 sections, etc.
2. The distance of the proposed drilling location from the south / north and east / west outside section lines.
3. The distance to the nearest lease or unit boundary line (in footage).
4. If proposed location is located within a prorated or spaced field a certificate of acreage attribution plat must be attached: (CO-7 for oil wells; CG-8 for gas wells).

**KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION  
APPLICATION FOR SURFACE PIT**

Form CDP-1  
April 2004  
Form must be Typed

*Submit in Duplicate*

Operator Name: <b>Carrie Exploration and Development</b>		License Number: <b>6768</b>
Operator Address: <b>210 West 22nd Street Hays, Ks 67601</b>		<b>Hays Ks 67601</b>
Contact Person: <b>Ron Herold</b>		Phone Number: <b>785 625 9318</b>
Lease Name & Well No.: <b>Ken Sieker C-1</b>		Pit Location (QQQQ): _____ SW _____ NE _____ NE Sec. <u>34</u> Twp. <u>19</u> R. <u>11</u> <input type="checkbox"/> East <input checked="" type="checkbox"/> West <u>774</u> Feet from <input checked="" type="checkbox"/> North / <input type="checkbox"/> South Line of Section <u>1,122</u> Feet from <input checked="" type="checkbox"/> East / <input type="checkbox"/> West Line of Section <b>Barton</b> County
Type of Pit: <input type="checkbox"/> Emergency Pit <input type="checkbox"/> Burn Pit <input type="checkbox"/> Settling Pit <input checked="" type="checkbox"/> Drilling Pit <input type="checkbox"/> Workover Pit <input type="checkbox"/> Haul-Off Pit <small>(If WP Supply API No. or Year Drilled)</small>		Pit is: <input checked="" type="checkbox"/> Proposed <input type="checkbox"/> Existing If Existing, date constructed: _____ Pit capacity: <u>1,786</u> (bbls)
Is the pit located in a Sensitive Ground Water Area? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Chloride concentration: _____ mg/l <small>(For Emergency Pits and Settling Pits only)</small>
Is the bottom below ground level? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Artificial Liner? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	How is the pit lined if a plastic liner is not used? <b>native clay</b>
Pit dimensions (all but working pits): <u>50</u> Length (feet) <u>50</u> Width (feet) <input type="checkbox"/> N/A: Steel Pits Depth from ground level to deepest point: <u>4</u> (feet) <input type="checkbox"/> No Pit		
If the pit is lined give a brief description of the liner material, thickness and installation procedure.		Describe procedures for periodic maintenance and determining liner integrity, including any special monitoring. <b>Haul off free water. Let dry and cover.</b>
Distance to nearest water well within one-mile of pit <u>1107</u> feet    Depth of water well <u>60</u> feet		Depth to shallowest fresh water <u>60</u> feet. Source of information: <input type="checkbox"/> measured <input checked="" type="checkbox"/> well owner <input type="checkbox"/> electric log <input type="checkbox"/> KDWR
<b>Emergency, Settling and Burn Pits ONLY:</b> Producing Formation: _____ Number of producing wells on lease: _____ Barrels of fluid produced daily: _____ Does the slope from the tank battery allow all spilled fluids to flow into the pit? <input type="checkbox"/> Yes <input type="checkbox"/> No		<b>Drilling, Workover and Haul-Off Pits ONLY:</b> Type of material utilized in drilling/workover: <u> Bentonite </u> Number of working pits to be utilized: <u> 3 </u> Abandonment procedure: <u> haul off free water, let dry and cover. </u> Drill pits must be closed within 365 days of spud date.
I hereby certify that the above statements are true and correct to the best of my knowledge and belief.  <div style="display: flex; justify-content: space-between;"> <div style="text-align: center;"> <u>06/07/2010</u> Date         </div> <div style="text-align: center;">             Signature of Applicant or Agent         </div> </div>		
<b>KCC OFFICE USE ONLY</b>		
Steel Pit <input type="checkbox"/> RFAC <input checked="" type="checkbox"/> RFAS <input type="checkbox"/> Date Received: <u>6-9-10</u> Permit Number: _____    Permit Date: <u>6/14/10</u> Lease Inspection: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		

**RECEIVED  
JUN 09 2010  
KCC WICHITA**

15009-25-439-DD-DD

June 14, 2010

Ron Herold  
Carrie Exploration and Development  
210 West 22<sup>nd</sup> Street  
Hays KS 67601

Re: Drilling Pit Application  
Ken Sieker Lease Well No. C-1  
NE/4 34-19S-11W  
Barton County, Kansas

Dear Mr. Herold:

District staff has inspected the above referenced location and has determined that the reserve pit shall be constructed **without slots**, the bottom shall be flat and reasonably level, and the free fluids must be removed. The fluids are to be removed from the reserve pit as soon as practical after drilling operations have ceased.

**If production casing is set all completion fluids shall be removed from the working pits daily. NO completion fluids or non-exempt wastes shall be placed in the reserve pit.**

The fluids should be taken to an authorized disposal well. Please call the District Office at (785) 625-0550 when the fluids have been removed. Please file form CDP-5 (August 2004), Exploration and Production Waste Transfer, within 30 days of fluid removal. Conservation division forms are available through our office and on the KCC web site: <http://kcc.ks.gov/conservation/forms/>

**A copy of this letter should be posted in the doghouse along with the approved Intent to Drill.** If you have any questions or concerns please feel free to contact the undersigned at the above address.

Sincerely,



Jonelle Rains, Supervisor  
Department of Environmental Protection and Remediation